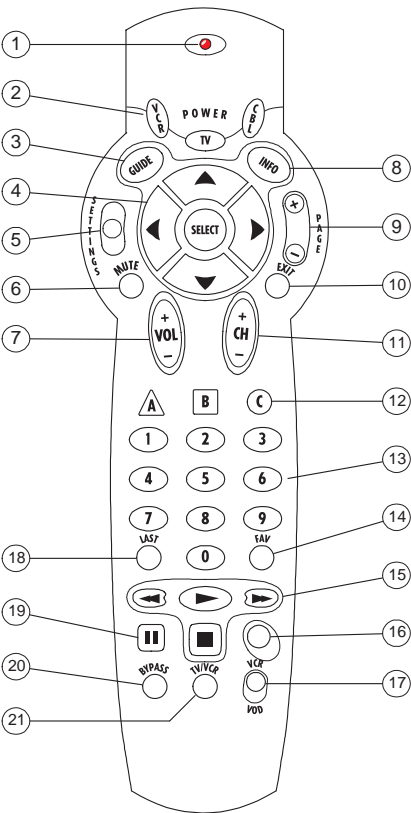


Operating Instructions

REMOTE CONTROL

BR-350



Read this first

The BR-350 will operate Pioneer's *Voyager* series of digital home terminal. It also supports basic remote control functions for nearly all TVs and VCRs. This instruction sheet contains setup instructions and device codes. Keep this sheet to set up the BR-350 remote.

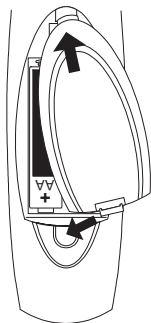
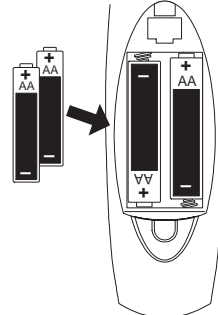
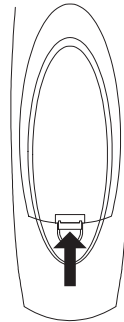
Batteries

Two AA batteries power the BR-350.

Pull the tab on the battery cover toward its center, and lift the cover off.

Insert two fresh AA alkaline batteries, in the directions shown inside the battery compartment.

Replace the battery cover.



BR-350 keypad

The BR-350 operates your *Voyager* Home Terminal, TV and VCR. *Certain keys only work certain devices.* Keys that work together are clustered to make them easier to locate.

Each key is described below. The device(s) in parentheses following each key name are those the key will operate. For example, note that item 11 below (CH +/-) will only operate the channel selection on the *Voyager* terminal, not the TV or the VCR.

- 1 **Indicator light**
Blinks when the remote transmits a command. Also used during setup.
- 2 **TV, VCR, CBL: Device power keys (TV, VCR, Voyager)**
Turns power of these devices on/off.
- 3 **GUIDE: Interactive program guide key (Voyager)**
Brings up the program guide listings.
- 4 **▲, ▶, ▼, ◀, SELECT: Display navigation keys (Voyager)**
The arrow keys highlight an item from a group of choices on the screen. SELECT performs an action related to a highlighted item.
- 5 **SETTINGS: Menu access key (Voyager)**
Brings up a menu of the possible settings.
- 6 **MUTE: Mute key (TV or Voyager)**
Silences the audio. Press to activate. Press this key again, or VOL + or VOL -, to restore sound to the previous level.
- 7 **VOL +/-: Volume rocker key (TV or Voyager)**
Raises or lowers the sound level.
- 8 **INFO: Information key (Voyager)**
Displays information about the program currently playing or displayed in the Guide.
- 9 **PAGE +/-: Page access rocker key (Voyager)**
Accesses pages above or below the information currently displayed.
- 10 **EXIT: Exit key (Voyager)**
Hides all on-screen graphics and returns you to regular TV viewing.

- 11 **CH +/-: Channel rocker key (Voyager)**
Selects the next higher or lower channel.
- 12 **A, B, C: Function keys (Voyager)**
Makes direct selections from on-screen menus.
- 13 **0 — 9: Numeric keys (Voyager)**
Directly tunes channels by number. Also for numeric entries in on-screen menus.
- 14 **FAV: Favorite channel recall key (Voyager)**
Tunes channels previously stored in the *Voyager* terminal's favorite channel memory.
- 15 **▶▶▶, ◀◀◀, ◀, ▶: Transport keys (VCR or Voyager)**
Activates play (▶▶▶), rewind (◀◀◀), fast-forward (▶▶▶), and stop (■) functions of your VCR. Accesses similar functions of Video-On-Demand programming through the *Voyager* terminal. Determined by position of VCR/VOD toggle switch (17).
- 16 **Record key (VCR)**
Starts the record function of your VCR.
- 17 **VCR/VOD: VCR/VOD toggle switch**
Determines the code transmitted by the BR-350 of the transport keys (15) and the pause key (19). In the VCR setting, these keys send transport/pause commands to your VCR. In the VOD setting, they allow pausing, scanning forward, skipping backward, stopping and resuming play of a current Video-On-Demand program.
- 18 **LAST: Last channel recall (Voyager)**
Accesses the previously tuned channel.
- 19 **|||: Pause key (VCR or Voyager)**
Momentarily stops the playback or recording of your VCR. Momentarily stops a current Video-On-Demand program. Determined by the position of the VCR/VOD toggle switch.
- 20 **BYPASS: RF Bypass key (Voyager)**
Activates the *Voyager*'s optional RF Bypass switch.
- 21 **TV/VCR: TV/VCR key (VCR)**
Activates the VCR's TV/VCR switch.

Programming the BR-350

Set Up for Voyager Home Terminal

No setup is required. The BR-350 is ready to run the *Voyager* Home Terminal. If for some reason, the *Voyager* terminal does not respond to the BR-350, first try re-entering the setup code.

- 1 Turn on the *Voyager* terminal.
- 2 Point the BR-350 away from the terminal.
- 3 Press and hold CBL and SELECT at the same time, until the indicator light blinks twice.
- 4 Enter 8 9 1. Indicator light blinks twice.
- 5 Point the BR-350 toward the terminal.
- 6 Press CBL. The terminal should turn off. The BR-350 will now operate the *Voyager* terminal.

Set Up for TV operation

Find the TV brand and three-digit codes on the back of this sheet. If your brand is not listed, follow **Searching the code library** instead.

- 1 Turn on TV.
- 2 Point the BR-350 away from the TV.
- 3 Press and hold TV and SELECT at the same time until the light blinks twice.
- 4 Enter the three-digit code. Indicator light blinks twice.
- 5 Point the BR-350 toward the TV.
- 6 Press TV. *Did the TV turn off?*
Yes: Setup complete. Write down the three-digit setup code below for future reference.
No: Try setup again starting from step 2, using the next code listed for your brand. If you've tried all codes for your brand without success, use the method under **Searching the code library**.

My TV setup code is:

Setup for VCR operation

Find the VCR brand and three-digit codes in the table on the reverse side. If your brand is not listed, use the method under **Searching the code library**.

- 1 Turn your VCR on. If your VCR does not have a POWER key, load a tape into the VCR and follow step 6a instead of step 6.
- 2 Point the BR-350 away from the VCR.
- 3 Press and hold VCR and SELECT at the same time until the light blinks twice.
- 4 Enter the three-digit code. Indicator light blinks twice.

- 5 Point the BR-350 toward the VCR.
- 6 Press VCR. *Did the VCR turn off?*
- 6a *If your VCR does not have a POWER key:* Move the BR-350's VCR/VOD toggle switch to the VCR position, and press ▶▶▶ (PLAY). *Did the VCR start to play?*
Yes: Setup complete. Write down the three-digit setup code below for future reference.
No: Try setup again starting from step 2, using the next code listed for your brand. If you've tried all codes for your brand without success, try the method under **Searching the code library**.

My VCR setup code is:

Searching the code library

If none of the listed TV or VCR codes work, you can enter a code that searches the library of codes. The remote control automatically selects the proper code for your TV or VCR. Make sure your TV or VCR is on before you program the remote control.

To search the library of TV codes:

- 1 Turn on the TV.
- 2 Point the remote control away from your TV.
- 3 Press and hold TV and SELECT at the same time until the LED on the remote control blinks twice.
- 4 Press 9 9 1. The light blinks twice.
- 5 Point the remote control at your TV and press TV. *Did the TV turn off?*
Yes: Immediately press SELECT. The light blinks twice. Setup is complete. To make sure programming was done correctly, aim the remote at the TV and press TV. The TV should turn back on. *Note:* Now, be sure to follow **Getting your codes**, to find out the three-digit setup code. Write it down so you can use the direct setup method in the future.
No: Repeat step 5 until TV turns off. You may need to do this up to 50 times to go through the entire code library.

To search the library of VCR codes:

Follow the procedure above, but substitute "VCR" for "TV" in each step.

Pioneer

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Getting your code

If you've used the **Searching the code library** method to program your BR-350, or if you've misplaced your setup code, you can find out the loaded TV and VCR codes.

To get the TV code:

- Point the remote control away from the Voyager Home Terminal, TV, and VCR.
- Press and hold **TV** and **SELECT** at the same time until the light blinks twice.
- Press **9 9 0**. The light blinks twice.
- Press **1**, wait 1 second, then count the number of blinks. This is the first number in the code. For example, four blinks means the first number in the code is 4. *In each step, if no blinks occur, the number is 0 (zero).*
- Press **2**, pause, and count the number of blinks. This is the second number.
- Press **3**, pause, and count the number of blinks. This is the third number.
- Write down the code for future reference under **Setup for TV operation**.

To get the VCR code:

Follow the steps above, but substitute **“VCR”** for **“TV”** in step 1. Write down the code for future reference, under **Setup for VCR operation**.

Setting up volume control

The BR-350 comes from the factory ready to control volume through your TV. If your TV does not accept remote control commands, you can set up the BR-350 to control volume and mute functions through the Voyager Home Terminal instead.

To switch volume/mute control from the TV to the Voyager Home Terminal:

- Point the remote control away from the Voyager Home Terminal, TV, and VCR.
- Press and hold **CBL** and **SELECT** at the same time until the light blinks twice.
- Press **9 9 3**, then **CBL**. The light blinks twice.
- To make sure programming was done correctly, aim the remote at the Voyager and press **VOL +**, **VOL −**, or **MUTE**. The volume setting on the Voyager should change.

To switch volume/mute control back to the TV:

- Point the remote control away from the Voyager Home Terminal, TV, and VCR.

- Press and hold **CBL** and **SELECT** at the same time until the light blinks twice.
- Press **9 9 3**, then press **TV**. The light blinks twice.
- To make sure programming was done correctly, aim the remote at the TV and press **VOL +**, **VOL −**, or **MUTE**. The volume setting on the TV should change.

Helpful hints

Setup

If the BR-350 does not operate the TV or VCR properly, or if it operates some but not all of the remote control commands:

- Try all the codes listed for the device.
- Try the search method.

Many devices use similar remote control codes. While searching the library, you may lock onto a similar code for which only some commands work. Start the **Searching the code library** method over. Repeat the process until you find the correct code.

Operation

If the red indicator light does not blink when you press a key, or if the operation is intermittent:

Replace both batteries with two new AA alkaline batteries. Replace both batteries at the same time.

TV setup codes

AOC — 044
Admiral — 107
Adventura — 060
Aiko — 106
Akai — 044
Alaron — 193
Ambassador — 191
Anam — 194
Audiovox — 106, 194, 465
Baysonic — 194
Bell & Howell — 030, 168
Bradford — 194
Broksonic — 250, 477
CXC — 194
Candle — 060, 044, 070
Carnivale — 044
Carver — 068
Celebrity — 014
Cineral — 106, 465
Citizen — 060, 044, 070, 074, 106
Concerto — 070
Contec — 194
Craig — 194
Crosley — 068
Crown — 194
Curtis Mathes — 180, 030, 044, 061, 065, 068, 070, 074, 107, 159, 168, 465
Daewoo — 106, 465
Denon — 159

Dumont — 031
Electrobrand — 014
Emerson — 250, 168, 191, 192, 193, 194, 296, 477
Envision — 044
Fisher — 168
Fujitsu — 193
Funai — 185, 193, 194
Futuretech — 194
GE — 035, 061, 065, 107, 149, 192, 296, 465
Gibraltar — 031, 044
GoldStar — 044, 070, 192
Gradiente — 067, 070
Grunpy — 193, 194
Hallmark — 192
Harley Davidson — 193
Harvard — 194
Hitachi — 070, 159
Infinity — 068
Inteq — 031
JBL — 068
JCB — 014
JVC — 067
Janeil — 060
KEC — 194
KTV — 044, 194
Kenwood — 044
Kloss — 060
LG — 070
LXI — 061, 068, 168, 170, 192
Logik — 030
Luxman — 070
MGA — 044, 164, 192
MTC — 044, 070, 074
Magnavox — 044, 068, 193
Majestic — 030
Marantz — 044, 068
Matsushita — 264
Megatron — 159, 192
Memorex — 030, 070, 164, 168, 192, 264
Midland — 031, 061, 065, 149
Minutz — 035
Mitsubishi — 107, 164, 192
Motorola — 107
Multitech — 194
NAD — 180, 170, 192
NEC — 044, 070
NTC — 106
Nikko — 044, 106, 192
Onwa — 194
Optimus — 180, 168, 264
Optonica — 179, 107
Orion — 250, 193, 477
Panasonic — 065, 264
Penney — 035, 044, 061, 065, 070, 074, 149, 170, 192
Philco — 044, 068, 159, 477
Philips — 068
Pilot — 044
Pioneer — 180
Portland — 106
Prism — 065
Proscan — 061
Proton — 192
Pulsar — 031
Quasar — 179, 065, 264

RCA — 061, 065, 104, 107, 149
Radio Shack — 179, 044, 061, 070, 168, 192, 194
Realistic — 179, 044, 070, 168, 192, 194
Runco — 031, 044
SSS — 194
Sampo — 044
Samsung — 044, 070, 074, 192
Sansei — 465
Sansui — 477
Sanyo — 168
Scotch — 192
Scott — 250, 192, 193, 194
Sears — 061, 068, 070, 168, 170, 185, 192, 193
Semivox — 194
Semp — 170
Sharp — 179, 107
Signature — 030
Sony — 014
Soundesign — 192, 193, 194
Squareview — 185
Starlite — 194
Supre-Macy — 060
Supreme — 014
Sylvania — 044, 068
Symphonic — 185
TMK — 070, 191, 192
Tandy — 107
Technics — 065, 264
Technol Ace — 193
Techwood — 065, 070
Teknika — 030, 068, 070, 074, 106, 164, 193, 194
Telefunken — 070
Toshiba — 074, 168, 170
Vector Research — 044
Victor — 067
Vidikron — 068
Vidtech — 192
Viking — 060
Wards — 030, 179, 035, 044, 068, 070, 192, 193
Yamaha — 044
Zenith — 030, 031, 106

VCR setup codes

Admiral — 062
Adventura — 014
Aiko — 292
Aiwa — 014, 051
Akai — 055, 075, 120
American High — 049
Asha — 254
Audiovox — 051
Beaumarck — 254
Bell & Howell — 118
Broksonic — 016, 135, 198, 225
CCE — 086, 292
Calix — 051
Canon — 049
Carver — 095
Cineral — 292
Citizen — 051, 292

Colt — 086
Craig — 051, 061, 086, 254
Curtis Mathes — 049, 055, 074, 176
Cybernex — 254
Daewoo — 059, 292
Denon — 056
Dynatech — 014
Electrohome — 051
Electroponic — 051
Emerex — 046
Emerson — 014, 016, 051, 057, 075, 135, 198, 222, 225, 226, 292
Fisher — 061, 068, 118
Fuji — 047, 049
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GE — 062, 049, 074, 254
Garrard — 014
GoldStar — 051, 052
Gradiente — 014
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Harman/Kardon — 052
Harwood — 086
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JVC — 081, 055
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Kenwood — 081, 052, 055
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Pentax — 056, 119
Philco — 049
Philips — 049, 095
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^[1] Mr. DFU part no.]